

G. R. S. App. F. IX-4]

Previous References.

1942-3

War)

War File No. 40-42

Serial Nos. 18283

Later References.

f.c.b

GENERAL AND REVENUE SECRETARIAT

Serial Nos. *Three only*

Part B for

November
~~September~~ 1942

SUBJECT.

*A. R. F. Scheme for Bangalore
Civil & Military Station.*

1052
H

A.R.P. Schem C. M. Station
Bongalore

General and Revenue
Secretariat

W File No. 40

of 194 2-3.

[App. F. III-2]

Serial
No.

From To Collector & A.R.P. Controller C.M. Station
A.R.P. 4309/42 d 23rd Sep. 42
forwarding a copy of C.F.M. Schem A.R.P. Schem
for official use only and to be kept in
safe custody.

Copies have also been sent to District
M. Blon. A.R.P. Controller, D.S.P. Bangalore
according to the distribution list.
Subd for forward with an exhibit to
the A.R.P. Controller C.M. Station

(25)

26/9

50

2

Issue 1705/W d 26th Sep. 42 to the A.R.P. Controller
C.M. Station

✓
B

W W. 40-42-1
Office of the Collector & A.R.P.
Controller,
25, S.E. & H. Station, Bangalore. 1052
No. 288(4305)/42. Dated 23/9/1942. *W*
J.T. OF

To

- (1) To all as per Distribution List
in the Scheme.
(2) The Hon'y. Secretary P.W.C.
(3) Staff Officer, Medical,
(4) Staff Officer, Engineering,
(5) Staff Officer House Protection
Parties, Bangalore.

A.A.P. Scheme, C & H Station,
Bangalore.

I enclose for your reference
copy of of the Bangalore C & H
copies

St tion Air Raid Precautionary
Scheme - September 1942. A copy
of the map will be sent to you
shortly.

The book is for official use
only and may be kept under safe
custody.

Please acknowledge receipt.

Amal Kumar
COLLECTOR & ARP. CONTROLLER.

NO 1905/15 : 25th Septr. 1942.
W 40-42-2

The A.R.P. Controller,
C. & M. Station, Bangalore.

With thanks, the receipt of a
I am directed to acknowledge,
copy of A.R.P. Scheme, C & M Sta-
tion, Bangalore, sent under cover of
your letter dated 23rd Septr. 1942,
for official use.

I have the honour to be,

Sir,

Your most obedient servant,

h

For Chief Secretary to Govern-
ment.

See

Chief Secy

CONFIDENTIAL

BANGALORE
CIVIL AND MILITARY STATION.
A. R. P. SCHEME

SEPTEMBER 1942.

PRINTED AT THE DAILY POST PRESS, BANGALORE

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M A P

DISTRIBUTION LIST.		No. of copies.
1.	The Hon'ble the Resident in Mysore. Bangalore	1
2.	The Secretary to the Hon'ble the Resident in Mysore, Bangalore	1
3.	The Area Commander	1
4.	The Commissioner of Police, C. and M. Sta- tion, Bangalore	2
5.	The Deputy Commissioners of Police, C. and M. Station, Bangalore	2
6.	Inspectors of Police, C. and M. Station, Bangalore	4
7.	Fire Brigade Officer, C. and M. Station, Bangalore	1
8.	Civil Liaison Officer, C. and M. Station, Bangalore	1
9.	The Residency Surgeon, Bangalore	1
10.	The Executive Engineer, C. and M. Station, Bangalore	1
11.	Brigade Major, Area Headquarters	1
12.	P. A. D. Officer	1
13.	G. S. O. III, Madras District	10
14.	The Military Sector Commanders	10
15.	Headquarters, Bangalore Area	10
16.	The Chief Secretary to the Government of His Highness the Maharaja of Mysore.	1
17.	The Inspector General of Police, Mysore.	1
18.	The Deputy Commissioner, Bangalore Dis- trict, Bangalore City	1
19.	The District Superintendent of Police, Bangalore City	1
20.	A. R. P. Controller, Bangalore City	1
21.	The Sub-Divisional Officer, Telegraphs, Bangalore Sub-Division, Bangalore	1
22.	The Superintendent, Power and Lighting, Bangalore	1 ✓
23.	The Collector, C and M. Station, Banga- lore	1
24.	The Chief Warden, C. and M. Station, Ban- galore	1

25.	The A. R. P. Officer, C. and M. Station, Bangalore	..	1
26.	The Divisional Wardens, C. and M. Station, Bangalore		6
27.	Commandant, Messenger Service, C. and M. Station, Bangalore		1
28.	Officer-in-charge, Communications, C. & M. Station, Bangalore		1
29.	Staff Officer, Warden's Service	...	1
30.	Health Officer, C. and M. Station, Bangalore		1

1. INTRODUCTORY.

TOWN: Civil and Military Station, Bangalore.

CLASS:—II J2.

POPULATION:—158,000.

2. DIVISION OF TOWN.

(a) NUMBER OF DIVISIONS:—6.

These correspond to the Municipal Divisions I to VI of the town which are well known and convenient. They are designated for A. R. P. purposes by the letters A to F.

(b) NUMBER OF GROUPS:—9.

There are 2 groups each in Divisions B, E and F and 1 group each in Divisions A, C and D.

(c) NUMBER OF POST AREAS:—49 (vide Appendix I)

Posts are denoted by the A. R. P. Division letter and serial number in the Division, e.g., Post D2: Post F4 etc., are posts in A. R. P. Divisions D and F (Municipal Divisions IV and VI respectively).

(d) NUMBER OF SECTORS:—About 300.

3. CONTROL.

(a) CONTROL CENTRE is combined with Report Centre both being located in No. 1, Commissariat Road (at the junction of Commissariat and Residency Roads, just behind the Mayo Hall).

(b) PERSONNEL AT CONTROL CENTRE:—

OFFICERS:—1. Controller or Deputy Controller.

2. Chief Warden.

3. A. R. P. Officer.

4. Fire Control Officer.

5. Police Liaison Officer

6. Military Liaison Officer.

7. Executive Engineer (representing Rescue and Municipal Repair Services).

8. Health Officer (representing Casualty, Decontamination and Public Health Services).

9. Officer-in-charge, Communications and Messenger Services.

10. Officer-in-charge, Commissariat and Rest Centres, etc., (or representatives of Nos. 7 to 10 above).

STAFF :—2 clerks.

EQUIPMENT :—

TELEPHONES :—2.

Direct lines to:—Air Defence Centre (already installed).

Residency	} Not yet installed.
P. A. D. Control Centre	
Fire Station	

(c) PERSONNEL AT REPORT CENTRE.

Officer-in-charge (with 2 deputies.)

3 Shifts.	{	1 Message Clerk for Officer-in-charge.
		1 Plotting Officer and Chart Writer.
		1 Tally Board and Record Clerk.
		1 Message Superintendent.
		6 Telephonists.
		2 In-door Messengers.

[NOTE:—Only 2 shifts will be recruited full time at present. Third shift will be managed from office personnel.]

All report on hearing public warning.

12 out-door messengers (to serve also the Control Centre).

EQUIPMENT.

Telephones—7 (1 for officer-in-charge and 4 for in-messages, 2 for out-messages).

1 LARGE MAP (16 in. to 1 mile) of the town, marking Wardens' Posts, Depots, First Aid Posts, etc. Pins and tabs etc., to mark incidents.

1 TALLY BOARD showing services available at each of the two Combined Depots.

1 CHART OR LOG BOOK.

FORMS :—In and out-message—12 pads of each.

M2 (Wardens Report) 8 pads of each.

Cycles (for messengers) :—

2 light motor cycles.

4 bicycles.

4. COMBINED DEPOTS.

(a) Two, located as follows :—

NO I COMBINED DEPOT.—Municipal Workshop, Magrath Road (Phone 108) to serve mainly Divisions A and B with reserve for Controller (2 Action Parties).

NO. II COMBINED DEPOT.—R. B. A. N. M. School (Phone 238) to serve mainly Divisions C. D. E & F. with reserve for Controller (1 Action Party).

(b) PERSONNEL ETC., AT EACH COMBINED DEPOT.

STAFF :—1 Superintendent.

1 Deputy Superintendent (will be the leader of the group of rescue parties at the Depot).

1 Telephonist and 2 reliefs.

1 Clerk.

1 Storeman.

1 Sweeper.

Messing Staff.

SERVICES :—

4 Action Parties, each consisting of :—

1 First Aid Party.

1 Rescue Party.

1 Ambulance.

1 Car for sitting cases.

5. CASUALTY SERVICES.

In charge of the Residency Surgeon, assisted by one full time Staff Officer.

(a) FIRST AID POSTS.

13 situated as follows :—

A. DIVISION :—Ulsoor Municipal Dispensary, Old Madras Road.

B. DIVISION :—Saadut Dispensary, Hosur Road.

St. Philomena's Hospital, Nilsandra Road, (mainly for women and children).

Bishop Cotton Boys' School, corner of St. Marks and Residency Roads (Phone 38).

C DIVISION :—Cavalry Road Municipal Dispensary.

- D. Division:— ... T. B. Dispensary, Broadway.
 Men's Outpatient Dept., Bowring Hos-
 pital.
 Women's Outpatient Dept., Bowring
 Hospital (Phone No. 92.)
 Ayurvedic Dispensary, (Quadrant
 Road.)
 Maternity & Child Welfare Centre,
 Thimmiah Road.
- E. Division:— ... Fraser Town Municipal Dispensary,
 Madhavaraya Moodr. Road.
- F. Division:— ... No. 42 Infantry Road, (Opposite Dis-
 trict Court) (Phone No. 194).
 Zenana Mission Hospital, Colonel
 Hill Road, (mainly for women and
 children).

(6) PERSONNEL AT FIRST AID POSTS.

The First Aid Posts (other than those at Hospitals) are generally staffed with 2 doctors each, of whom 1 is in most cases a Government or Municipal servant and the other a volunteer, besides nursing and first aid staff mostly voluntary.

1 Messenger and 1 Sweeper will be attached to each First Aid Post.

All first aid posts are fully equipped on the scale laid down either for large or small posts (10 large : 3 small).

PART TIME VOLUNTEER PARTIES WILL BE STATIONED
 AS FOLLOWS (TO REPORT ON ALARM).

At A Division Headquarters.

Ulsoor Health Sub-Office,
 (Phone No. 66). ... 2 parties.

At E Division Headquarters,

Fraser Town Municipal Muhamaden
 Boys School (Phone No. 187) ... 2 parties.

F Division.

At Broadway Health Sub-Office
 (Phone No. 52) ... 2 parties.

4 full time parties will be stationed at each of the two Combined Depots.

The part time parties consist of four men (including a leader) using volunteer cars.

The full time parties will consist of five men (including a leader and a driver) and will each be supplied with a car.

Equipment has been obtained for 20 parties on the prescribed scale.

(c) AMBULANCE SERVICE.

Authorised scale—15 Ambulances

4 Ambulances will be stationed at each of the two Combined Depots.

PERSONNEL:—1 Driver } for each ambulance.
1 Attendant }

(d) SITTING CASE CARS—(authorised scale 10)

2 sitting case cars (each with one driver) will be permanently stationed at each of the two Combined Depots.

Volunteer cars will report on the alarm as follows:—

No. 1 Combined Depot	...	2
No. II do	...	2
A Division H. Q. (Ulsoor Health Sub-Office)	...	2
E Division H. Q.	...	2
F Division H. Q. (Broadway H. S. Office)	...	2

6. RESCUE SERVICE.

In charge of the Municipal Executive Engineer, who is assisted by a full time A. R. P. Assistant Engineer in this work and for other A. R. P. Engineering works.

Authorised scale of parties is 15.

8 Light Rescue Parties (full time) will be raised and stationed, 4 at each Combined Depot under a group leader (who will also be Deputy Superintendent of the Depot). They will be fully equipped with their own lorries and other equipment. Each party consists of

- 1 leader
- 3 skilled men
- 6 unskilled men
- 1 driver.

7. WARDENS' SERVICE.

In charge of a Chief Warden assisted by a Staff Officer.

6 Divisional Wardens, with their Headquarters at	{	A Division—Ulsoor Health Sub-Office, Phone No. 66.
		B „ Shoolay Health Sub-Office, Phone No. 54.
		C „ R. B. A. N. M. High School, (Phone No. 238.)
		D „ 33, Infantry Road, (Phone No. 152.)
		E „ Fraser Town Municipal Muhammadan Boys' School, (Phone No. 187.)
		F „ 6-7, Cubbon Road, (Phone No. 169.)

In B. Division there is a Dy. Divisional Warden. In other divisions the Head Warden or (where there are 2 Head Wardens) the Senior Head Warden, acts in the absence of the Divisional Warden.

9 Head Wardens, in charge of groups of posts.

49 Post Wardens.

49 Deputy Post Wardens.

600 Sector Wardens—at 2 to each Sector (authorised scale is 4 to each Sector viz., 1,200).

Most of the above are voluntary. Upto 100 paid wardens are being recruited, trained and posted.

Arrangements will be made later if possible to concentrate the paid wardens in a central Hostel.

100 Messengers (at 2 per post) of whom 50 will be paid and full time.

8. INCIDENT OFFICERS.

8 or more (voluntary) including Divisional and selected Head Wardens to be recruited and trained to take charge of major incidents. They will be at the disposal of the Controller; Divisional and Head Wardens being stationed at their respective H. Q. and the remainder at the Control Centre.

9. MESSENGER SERVICE (out-door).

This is in charge of a Commandant, with the Officer in charge of Communications to assist him.

Requirements are given under each service and are abstracted here.

		Honorary	Paid	Total
Report Centre	...	...	12	12
First Aid Posts (13)	...	...	13	13
Combined Depots (2)	...	...	4	4
Wardens Posts (50)	...	50	50	100
		50	79	129

1 cycle will be supplied to each Warden's Post and First Aid Post and 2 to each Combined Depot for the use of messengers.

10. SERVICES IN GENERAL.

(a) UNIFORM—Members of all A. R. P. Services will be supplied with, and will wear, uniform of grey muzrai-

Rank of officers will be shown on the shoulder straps by yellow bars. (Vide Appendix II).

All A. R. P. personnel likely to be required to serve outside during a raid will be supplied with

1 Steel helmet

1 water bottle

Necessary equipment will be indented for.

(b) TRAINING.

Will be carried out by the A. R. P. Officer with the assistance of two or more trained instructors.

(c) TRANSPORT.

Superintendents of Combined Depots will be responsible for proper maintenance of the transport provided for the services in these Depots.

(d) FEEDING.

Messing arrangements will be made, and reserve stocks of food and fresh drinking water will be kept, at each Combined Depot and at the Report Centre. Services proceeding to an incident will carry iron rations and freshly filled water bottles. Food will be supplied to services engaged at incidents from their Combined Depots by small motor vans of which one will be stationed at each combined depot under the orders of the Depot Superintendent.

Reserve stocks of food and fresh drinking water will also be kept at First Aid Posts for personnel engaged there.

11—FIRE.

(a) The fire and auxiliary fire services and the question of water supply for fire fighting are dealt with in a separate scheme prepared by the Commissioner of Police providing for a separate fire control. At present this will be situated in the A. R. P. Report Centre. Should it be moved from here a Fire Liaison Officer will be stationed at the Report Centre.

(b) HOUSE FIRE PARTIES. (VOLUNTARY).

(Authorised scale 1200 parties of 3 men each.)

452 Stirrup pumps are available at present. Of these, 24 (4 at each) are kept at the Headquarters of Divisional Wardens: 2 at each Warden's Post: 1 at each First Aid Post and 2 at each Police Station. Parties have been trained for the pumps at Divisional Wardens' Headquarters. Further parties will be raised and trained by the Wardens to work available pumps, more of which will be distributed as parties are raised to use them. Further pumps (up to the limit of 1200 authorized) will be indented for as further parties are raised and located at suitable places in the town.

This organization will be in charge of the Chief Warden assisted by his Staff Officer.

12—POLICE.

Police Headquarters is at the Mayo Hall (phone 56) in charge of a Deputy Commissioner of Police. Separate Police Orders have been issued.

13—GENERAL INFORMATION AND INSTRUCTIONS.

(a) WARNING SYSTEM.

Report Centre and Telephone Exchange will be warned and given "Raiders Passed" signals etc., by 'phone by the Air Defence Centre (direct line).

PRELIMINARY CAUTION (CONFIDENTIAL):—"Air Raid Message Yellow" will be given by the Exchange to those in the "Yellow List" for use of Telephone Exchange." (Appendix III(a)).

It will be given to selected A. R. P. personnel, Combined Depot No. 1 and First Aid Posts by messenger as far as possible (vide Appendix III(b)).

ACTION WARNING:—"Air Raid Warning Red."—Will be given by Exchange to those in the Telephone Exchange Red List (Appendix III(c)).

It will be given to the public by fluctuating sounds on A. R. P. sirens lasting for 2 minutes and by short sharp blasts on the sirens of the Cigarette Factory and Brewery and portable motor horn siren and on Police and Wardens' whistles.

NOTE:—Six A. R. P. sirens have been installed in different parts of the town and will be operated from a central control by or under the orders of the Officer in charge of the Report Centre.

RAIDERS PASSED:—"Air Raid Message Green"—will be given by the Exchange to those in the Telephone Exchange Red List. (Appendix III(c)).

It will be given to the public (after Health Officer reports streets clear of corpses) by the sirens sounding at a steady pitch for about 2 minutes and by long blasts on police and Wardens' whistles.

CANCEL CAUTION:—"Air Raid Message White" indicates that normality is resumed. It will be passed by the Exchange to those in the Telephone Exchange Yellow List and by the Report Centre (by phone or messenger) to those in the Yellow List for warning by messenger, etc. (Appendix III) as and when they are no longer required to stand by.

(b) LIGHTING RESTRICTIONS.

A permanent "brown-out" was imposed by the Obscuration of Lights Order (Appendix IV). A special officer (honorary) is in charge of the arrangements for enforcing this through Wardens and Police. The brown-out has been temporarily suspended subject to re-imposition

by notification at 48 hours notice. On receipt of the action warning during the period when lamps are alight the Superintendent, Power and Lighting, Bangalore (Phone 2419) immediately extinguishes all street lighting; and about 3 minutes later, after 3 flickers, as an additional warning, extinguishes all other lighting.

The provisions of the "Hostile Attacks Precautions Order" (Appendix V) forbidding the showing of any lights, except properly shaded ones, by military, police and A. R. P. personnel, then come into operation.

(c) REPORTING.

If there is a fire or if there are any casualties, an Express report will be phoned from the nearest telephone by one of the Sector Wardens to the Report Centre in the following terms:—

EXPRESS REPORT.

Post (Number)

At (time)

At (Place)

H. E./I. B.

Casualties

Trapped

Fire.

Message Ends.

The time given by the receiving telephonist will be noted by the Warden as reference number of this incident subsequent reports.

If the Warden does not telephone or send the above report FROM HIS OWN POST, he should inform his post of the incident.

After necessary reconnaissance by the Sector Wardens, one of them will send through his post to the Report Centre by phone or messenger, A DETAILED REPORT OF THE INCIDENT IN FORM M1 (Appendix VI). If this is sent by messenger it will be sent in duplicate by two messengers at intervals.

SUPPLEMENTARY REPORTS will be sent regarding further developments and requirements and progress in dealing with incidents; and lastly A FINAL REPORT when the incident is closed so far as A. R. P. Services are concerned and Wardens have handed over to the Police.

These will be couched in the following terms:—

"I have a message for you."

SUPPLEMENTARY REPORT.
FINAL

Post No.

My No. (reference No. i. e. time of receipt of Express message: or of despatch of Express Message if this was sent by hand).

(Substance of report).

Message Ends.

REPORTS TO CONTROLLER.

As soon as possible after taking action on the reports, the officer in charge of the Report Centre will inform the Controller personally by phone or otherwise of the main points in each and action taken.

(d) OPERATION.

DESPATCH OF SERVICES.

On receipt of an express message, the Officer in charge of the Report Centre will send to the scene, 1 Action Party (viz. 1 First Aid Party: 1 Rescue Party: 1 Ambulance and 1 car for sitting cases). This will generally suffice to deal with anything up to 15 casualties.

On receipt of the M1 report, the officer in charge Report Centre will order out further services required.

Incidents will be recorded on the Map and in the Chart and movements of services will be shown on the Tally Board.

CONTROLLER'S RESERVE.

Superintendents of Combined Depots will report to the Controller when they are down to 2 Action Parties in the case of No. I Combined Depot and to 1 Action Party in the case of No. II Combined* Depot. These constitute the Controller's reserve and will not be moved without the Controller's prior concurrence.

MUTUAL ASSISTANCE.

A detailed scheme for giving and receiving assistance to and from Bangalore City and the Military authorities has been drawn up in consultation with the A. R. P. Controller, Bangalore City and the P. A. D. Officer and will be practised. It will be put into operation by arrangement between the two Controllers or Controller and P.A.D. Officer as the case may be.

AT THE SCENE. The senior Warden will take charge (unless there is Fire, when the senior officer of the fire or auxiliary fire service present takes charge and wardens assist as required by him) and will attend to general direction of operations of A. R. P. services, including marshalling of vehicles, finally handing over to the police when all casualties have been removed and the incident is closed.

INCIDENT OFFICERS will be despatched by the Controller to take charge of operations at major incidents i.e. generally incidents in which casualties exceed 15 and more than one Action Party is sent to the scene.

(e) UNEXPLODED BOMBS, CRASHED AIRCRAFT ETC.

These are the subject of separate detailed instructions to Wardens and Police,—briefly providing for an immediate report by Wardens or Police to the Controller via the Report Centre, evacuation and roping off of areas by the Police up to prescribed distances; reconnaissance by bomb reconnaissance section and final disposal.

(f) PROTECTION OF PERSONNEL: SHELTERS ETC.

The conduct of the public after the public warning or an occurrence of raid without warning on orders from wardens or police, is regulated by the Hostile Attacks (Precautions) Order (Appendix V) viz. they are to take, and remain in cover, in a building or slit trench. Advice for all occasions has been given in a pamphlet entitled "Do's and Dont's" which has been widely distributed in all languages.

TRENCHES. 7,500 feet of slit trenches for the public have been dug.

PUBLIC SHELTERS. The Russell Market (F Division) and Johnson Market (B Division) have been protected by means of blast walls to serve as public shelters. They will be clearly marked accordingly and will be in charge of their respective Superintendents.

A few other suitable buildings will be similarly protected and marked.

Control and Report Centre, First Aid Posts, Combined Depots and Wardens' Posts have been, or will be, adequately protected against blast.

ADVICE TO THE PUBLIC regarding protection of buildings, choice of refuge room; digging of trenches etc. has been given by, and is always available from the Technical Expert, who is the Honorary Secretary of the Provincial War Committee, War Information Office, Mayo Hall. He has issued a brochure and other literature on the above subject.

(g) REMOVAL, IDENTIFICATION AND DISPOSAL OF DEAD, DISPOSAL OF ANIMAL CARCASSES ETC.

These are the responsibilities of the Municipality through the Health Officer who has prepared a scheme and will be responsible for operating it. "Raiders Passed" will not be sounded on the sirens until the Health Officer reports all dead bodies removed from streets. 7.

*vide
Correction
ship*

(h) PUBLIC UTILITY SERVICES-REPAIRS.

Dealt with in schemes prepared by Superintendent, Power and Lighting and the Executive Engineer, for operation of which the Executive Engineer will be responsible to Controller.

(i) AFTER THE RAID SERVICES.

Include Rest Centres }
 Kitchen Centres } for people rendered homeless.

Supply of information to enquirers regarding deaths and casualties.

and Repairs.

and are the subject of separate schemes and dealt with in a pamphlet to be ready for issue by Police and Wardens to enquiries AFTER a raid.

(j) PUBLICITY FOR A.R.P. MEASURES.

Arranged by the A.R.P. Officer in consultation with Honorary Secretary, Provincial War Committee. Pamphlets in English and other local languages have been issued and widely circulated as under :—

“Do's and Dont's” (general A.R.P. instructions and advice.)

“A. R. P. for Householders” (Precautions against fire and incendiary bombs).

A large amount of propaganda has been done by the Honorary Secretary, Provincial War Committee orally through the Broadcasting Van and through articles and daily advertisements in the local paper. This will be continued. Suitable posters will now be issued and exhibited in various parts of the town. Slides will be exhibited in all cinemas drawing attention to the A. R. P. arrangements at each cinema. Details of these should be given in notices to be prominently displayed throughout the cinema. Similarly in other buildings frequented by the public, or having subsidiary schemes, prominence should be given to the arrangements by means of notices hung or pasted up.

14. SUBSIDIARY SCHEMES—have been or will be drawn up as follows :—

MAJOR SCHEMES.

	Persons responsible for preparing and working schemes	Scheme provides particularly for	Remarks
(1) Cigarette Factory	Manager	First Aid, Fire, Rescue and Demolition. Instructions for factory personnel. Protection of vital points.	Factory is equipped with pump and sprinkler system. It should have alternative arrangements in case of breakdown of this. It has a dispensary. Some durwans resident on the premises are trained in first aid

(2) Institute of Science.	Director	Fire First Aid Protect on of vital points
(3). Electric Power Stations B & C.	Superintendent, Power & Lighting	Fire Repair Protection
(4) Kerosene Installation, Cantonment Railway Station	Manager	Fire Repair Protection
(5) Burmah Shell Petrol & Kerosene Installation (Bangalore City railway lands).	Manager	Fire Repair Protection
(6) Cantonment Ry. Station Railway Colony and lands broad gauge line	District Traffic Superintendent	Protection of vital points Fire First Aid Repair
(7) City Railway Station Colony and lands meter gauge line etc.	Chief Engineer	Do

MINOR—See Appendix VII.--

Requests for assistance from those in charge of Major Schemes will be made to the Controller direct and from those in charge of Minor Schemes, to the Report Centre.

15. TELEPHONE NUMBERS—

List of important telephone numbers is given in Appendix VIII.

APPENDIX I.

LIST OF WARDENS' POSTS.

DIVISION A.

Post No. (1) Uisoor Health Sub Office (Phone No. 66.)

(2) 24, Ramakrishna Mutt Road (Mr. T. M. Subramaniam's House.)

(3) Guntroop School, Guntroop.

(4) No. 79, G. Street, Uisoor (Mr. Rudrappa's House.)

(5) Murphy Town Municipal Reading Room.

(6) Isolation Hospital (Phone No. 48).

DIVISION B.

Post No. (1) St. Joseph's College Pavilion, Langford Road.

(2) Methodist Episcopal Church, Myrtle Lane.

(3) Bishop Cotton Boys' School (Phone No. 38.)
Frank Abraham's Buildings, 15, St. Mark's Road, (Phone No. 28).

(5) Higginbothams, South Parade (Phone No. 129.)

(6) Dr. Da Costa's House, 34, South Parade (Phone No. 150).

(7) Rao Sahib P. V. Paul's House, 21, Castle Street.

(8) Austin Town Girls' School.

(9) Okkadpalyam Boys' School.

(10) Nilsandra Muhammadan Boys' School.

DIVISION C.

Post No. (1) No. 6, St. John's Road, (Phone No. 23.)
(2) Cavalry Road Health Sub Office (Phone No. 51).

(3) Rahmania Muhammadan Boys' School.

(4) Mr. Muhammad Saleh's Office, 118, Narain Pillai Street.

(5) C. V. S. Sabha Secondary School, Cavalry Road.

(6) Armugam Nagarathnam & Co., Commercial Street, (Phone No. 148.)

(7) No. 6, Uisoor Road, (Hosali Press.)

DIVISION D.

- Post No. (1) Saleh Ahmed Sait, Furniture Show rooms
33, Infantry Road, (Phone No. 152).
- (2) Bank of Mysore Ltd., Lady Curzon Road,
(Phone No. 117).
- (3) Hemson & Co., Jewellers- Street, (Phone
No. 181).
- (4) Bombay Ananda Bhavan Restaurant, Old
Poor House Road, (Phone No. 160).
- (5) Palace Talkies (Phone No. 191).
- (6) Mission School, Sultanji Gunta Road.
- (7) ~~Barbers Sangam (Gokhale Memorial Night
School).~~ *Municipal Stores In. of Seppings Rd
to Annaiahala Mudaliar Rd*
- (8) Municipal Girls' School, Thimmiah Road.

DIVISION E.

- Post No. (1) Fraser Town Municipal Mohamedan Boys'
School (Phone No. 187).
- (2) Mizpah Hall, Richards Town.
- (3) Mr. Isaac's House No. 2, Pottery Cross
Road.
- (4) Cox Town Boys' School.
- (5) No. 36, Madhavaraya Mudaliar Road.
- (6) Mr. Adie's House, 31 Millers Road.
- (7) Pottery Town Municipal School.
- (8) No. 3, Spencer Road.
- (9) Municipal Boys' School, Haines Road.

DIVISION F.

- Post No. (1) Modern Furniture House, Cubbon Road
(Phone No. 169)
- (2) Imperial Hat Works, Cunningham Road.
- (3) ~~24, Cockburn Road.~~ *Broadway sub health office.*
- (4) Hafizia School.
- (5) Beef Boti Market.
- (6) St. Mary's Church, Russell Market Square.
- (7) V. K. Obeidullah School.
- (8) Capt. Rao Sahib A. Thangavelu Mudaliar's
School, Blackpally.
- (9) ~~No. 3, Curve Road, Tasker Town.~~ *Alphavoo pillai Girls Schd.
Chinnaswamy mudaliar Rd.
Rd.*

APPENDIX II.

BADGES OF RANK.

Yellow bars on shoulder strap

- | | |
|---------------------------------------|-----------------------|
| (1) Controller | 1 broad and 2 narrow. |
| (2) Chief Warden, | 1 broad and 1 narrow. |
| (3) Divisional Wardens | } 3 narrow. |
| (4) Commandant, Messenger Service | |
| (5) A. R. P. Officer | |
| (6) Officer in charge, Communications | } 2 narrow |
| Staff Officers | |
| Senior Depot Superintendent. | |
| (7) Junior Depot Superintendent. | 1 narrow. |

APPENDIX III.

WARNING LIST

(a) LOCAL YELLOW (& WHITE) LIST for Telephone Exchange on A. D. C. List 63.

Controller	...	...	253
Commissioner of Police	...	...	44
Police Office	...	...	153
Chief Warden	...	...	296
Residency Surgeon	...	...	93, 93A
Bowring Hospital	...	...	92
Cigarette Factory	...	...	96
Brewery	...	...	116, 116B
Infantry Road Police Station (Mobile siren)	...	...	65
Executive Engineer	...	...	104
Health Officer	...	...	66A
Sub-Divisional Officer, Telegraphs Engineering	...	...	146
Civil Liaison Officer	...	...	297
A. R. P. Depot No. 2	...	...	238
Imperial Bank of India	...	...	87
Indian Institute of Science	...	...	2022

(b) LOCAL YELLOW (& WHITE) LIST to be warned by alarm bell or by messenger from Report Centre.

By alarm bell when installed; until then by messenger. { Fire Brigade.
Police Headquarters, Mayo Hall.
(Extension to Municipal Offices also).

By Messenger (carrying a warning card)

A. R. P. Depot No. 1.

Municipal Workshop.

Medical Officers in charge of First Aid Posts as shown below.

FIRST AID POST.	MEDICAL OFFICER.	ADDRESS.
Ulsoor	Dr. K. L. Srinivasan	No. 13 Someswaran Koil Street.
Saadut	Dr. Rajagopal	Ramkrishna Mutt Road.
Bishop Cottons	Dr. Ananta Rao	No. 3 Grant Road,
42 Infantry Road	Dr. Brinitzer	No. 42 Infantry Road.
Tuberculosis Dispensary	Dr. John Mani	No. 14 Harris Road, Benson Town.
Thimmiah Road Child Welfare Centre	Dr. Miss Krishna Rao	No. 9 Infantry Road.
Fraser Town	Dr. T. B. Bala- sundaram	No. 3 Infantry Road.
Velu Moodr. Dispensary	Dr. V. G. Ranga- nathan	No. 9 Moore Road.
Quadrant Road	Dr. Sethu Ram	Mysore Bank Build- ings, Hospital Road.

(c) LOCAL RED (& GREEN) LIST for warning by
Telephone Exchange on A. D. C. List 73.

Cigarette Factory		96
Brewery		116, 116B
Commercial Street Police Station..		64
Ulsoor Police Station	...	62
Shoolay Police Station		61
Cubbon Park Police Station	..	59
Cleveland Town Police Station	..	63
Fraser Town Police Station	...	67
Broadway Road Police Station	...	58
Infantry Road Police Station	...	65
Cantonment Railway Police Station.		60
City Railway Police Station	...	57
Indian Institute of Science	..	2022

APPENDIX IV.

CIVIL & MILITARY STATION, BANGALORE
OBSCURATION OF LIGHTS ORDER.

(as amended upto 15-9-42)

Whereas the Hon'ble the Resident in Mysore has by Notification No. F. 3-42/W, dated the 10th January 1942 ordered that the powers conferred on him by Sub-Rule (1) of Rule 52 of the Defence of India Rules, 1939, as in force in the Civil and Military Station of Bangalore, shall be exercised on his behalf also by the Collector of the said Station.

Now therefore, in exercise of the powers conferred upon me by the said Notification, I, H. H. Carleston, I. C. S., Collector of the said Station, do hereby make the following order which shall be enforced in the whole of the Civil and Military Station of Bangalore.

I. PREAMBLE.

1. This order shall be called the Bangalore C. & M. Station Obscuration of Lights Order and is intended to impose permanent restrictions on external lighting in general, lights on vehicles and lights carried outside by hand, with a view to reducing the visibility of the town to hostile aircraft at night.

This order does not affect the provisions of the Hostile Attacks (Precautions) Order, the Control of Lights Order, and such other orders as have been, or may be, issued with regard to lighting restrictions during air raids or on the sounding of the Air Raid warning signal whether for practice purposes or otherwise.

2. It shall come into force whenever and for so long as the Collector may by notification direct.

II. DEFINITIONS.

“AN ORDINARY HURRICANE LAMP” is one giving no more light than a DIETZ No. 2 Hurricane lamp with wick of $\frac{3}{4}$ " width burning kerosene oil.

The light cast on the ground by such a lamp held 4 feet 6 inches high is not greater than .02 foot candle power.

“BROWN PAPER” means brown paper of a density not less than that of the sample to be seen at any Police Station.

III. ORDER.

1. STREET LIGHTS AND PUBLIC LIGHTS.

All public lighting shall be reduced to the minimum compatible with public safety, to the satisfaction of the A. R. P. Controller.

2. LIGHTS IN, AND ON, BUILDINGS, OR OPEN GROUND.

(a) No light shall be used in any building or premises appurtenant thereto, unless it is so placed, or so screened by opaque material that

(i) no ray, direct from the source of light, or reflected from a bright surface, is visible outside the roofed portion of the building.

(ii) no glare is thrown upwards outside the building or any part of it.

(iii) the total light reaching the outside of the building in any place is not greater than that thrown on the ground by an ordinary oil lamp held 4 ft. 6 inches above ground level.

(b) No light whether for decoration, advertisement or any other purpose, shall be exhibited on the outside of any building or construction or on any plot of land.

3. LIGHTS ON VEHICLES.

(a) MOTOR VEHICLES.

All lights capable of throwing a beam carried on a motor vehicle shall be screened by one of the following methods :—

(i) by pasting dry brown paper over the glass, one thickness on the lower half, and two thicknesses on the upper half,

(ii) by using a standard head lamp mask of a pattern approved by the A. R. P. Controller.

(b) OTHER VEHICLES.

Candle lamps and oil lamps such as are usually used on carts and of lower power than an ordinary hurricane lamp, may be unshaded.

Hurricane lamps will be painted black or blue down to the level of the flame.

No light of greater power than the above shall be used.

(c) BICYCLES.

All lamps of greater power than an ordinary oil lamp will be screened by one thickness of dry brown paper pasted over the glass.

4. LIGHTS CARRIED BY HANDS.

No light brighter than that of an ordinary hurricane lamp with the glass painted black or blue down to the level of the flame or a candle lamp shall be carried or kept in any street or open place or outside the walls of a roofed building.

Torches must conform to the above standard, and must also be screened by paper pasted all over the glass. No torch shall be carried or used outside a walled building during an air raid or practice exercise except by Magistrates, Police, Civic Guards and Air Raid Precautions Services.

5. This order does not apply to lighting on the Railways and to the factories to be exempted by the A. R. P. Controller under clause 7.

6. This order does not apply to vehicles of the Military Department for which separate rules exist.

7. The A. R. P. Controller may exempt from this order on such terms as he may prescribe, special lighting required :—

- (1) for or incidental to the production or movement of war material.
- (2) for Police, fire fighting or A. R. P. Vehicles, and
- (3) for any other purposes.

IV. Any person contravening any provision of this order shall on conviction by a Magistrate be liable to be punished with imprisonment which may extend to six months or with fine or with both.

H. H. CARLESTON,
COLLECTOR & A. R. P. CONTROLLER,
C. & M. Station, Bangalore.

APPENDIX V.

HOSTILE ATTACKS (PRECAUTIONS) ORDER.

Whereas the Hon'ble the Resident in Mysore has by Notification No. F. 3/42W, dated the 10th January 1942 directed that the powers conferred on him by sub-rule (1) of rule 51 of the Defence of India Rules as applied to the Station shall be exercised on his behalf also by the Collector of the Civil and Military Station, Bangalore.

Now therefore, in exercise of the said powers, I, H.H. Carleston, I.C.S., Collector of the said Station do hereby make the following order namely:—

(1) This order shall be called the Bangalore Civil and Military Station Hostile Attacks (Precautions) Order and shall come into force at once throughout the Station.

(2) The signal for an ^{Sandy} air Raid Warning will be a succession of short sharp blasts ^{or wailing notes (blasts)} on sirens and on Police and A. R. P. wardens' whistles.

The signal "Raiders Passed" will be given by long blasts on sirens and whistles.

(3) On the sounding of an Air Raid Warning signal (whether for practice purposes or otherwise), or in the event of hostile attack with or without the sounding of the warning signal or on orders verbal or otherwise from any Military, Police or A. R. P. Officer the following directions shall be observed (in default of special directions to the contrary from a competent authority) until the "Raiders Passed" signal has been sounded.

- (i) Every person who has no duties to perform in connection with the Air Raid Precautionary Services and who is within a building shall remain therein.
- (ii) All persons who have no duties to perform in connection with the Air Raid Precautionary, Police or Defence Services and who are in the open shall take shelter.
- (iii) Subject to the provisions of clause (v) all vehicular traffic shall pull into the left hand side of the road and stop.
- (iv) All animals drawing vehicles shall be unharnessed or unyoked from their vehicles, and all such animals shall be tied to the nearest tree, railing, lamp-post or other fastening place but if no fastening place is available they shall be tied to a spoke of a wheel (below the hub) of the vehicle from which they were unharnessed or unyoked.
- (v) Only vehicles (with suitably shaded lights) in use by Military, Police, or A. R. P. personnel in the course of their duties and vehicles

possessing and exhibiting special permits from the Administrative Commandant or Commissioner of Police shall be permitted to proceed on the roads.

(vi.) If the hostile attack occurs or if the A. R. P. Warning signal is sounded after sunset the drivers of all vehicles except those mentioned in clause (v) shall extinguish all lights immediately.

(vii.) All persons in any building or any public road, street, thoroughfare, park or open space shall obey the reasonable directions of any police officer or Air Raid Warden regarding the manner in which they shall behave for the protection of themselves or the public during the period of a hostile attack or A. R. P. exercise as the case may be.

4. Every owner or occupier of any building or premises shall on demand by any police officer or Air Raid Warden, admit into such building or premises any person seeking shelter during the period of a hostile attack

5. Any private vehicle, including a vehicle drawn by animals may be requisitioned from the road or from any other place by any Air Raid Warden or Police Officer, for the carriage of any person injured in a hostile attack to any place for the purpose of receiving medical attention.

6. Breaches of this order are punishable under Rule 51 (4) of the Defence of India Rules with imprisonment which may extend to 6 months and with fine.

(Sd.). H. H. Carleston,
Collector & A. R. P. Controller.

Mayo Hall,

C & M Station, Bangalore.

23rd January 1942.

APPENDIX VI.
WARDEN'S REPORT FORM

A. R. P. M. I.

Form of Report to Report Centre

Commence with the words	"AIR RAID DAMAGE"
Designation of REPORTING AGENT (e. g., Warden's Post Number)	
POSITION of occurrence	

* TYPE of bombs: H. E.	Incendiary	Poison Gas
Approx. No. of CASUALTIES :— (if any trapped under wreckage, say so)		
if FIRE say so		
* Damage to MAINS	Water	Coal Gas Sewers' underground/ Overhead electric cables
Names of ROADS BLOCKED		

Position of any UNEXPLODED BOMBS

TIME of occurrence (approx.)
Services already ON THE SPOT or COMING :

Remarks :—

(Finish with the words)	"MESSAGE ENDS"
---------------------------	----------------

ORIGINAL { These words are for use with a report sent by mes-
DUPLICATE { senger. Delete whichever does not apply.

* Delete those not reported

APPENDIX VII.

Minor Schemes.

Name of institution etc.	Persons responsible for preparing and working scheme	Scheme provides particularly for	Remarks
1. Mayo Hall, group of offices, Government and Municipal.	Collector ...	Fire, Preservation of records, stamps etc.	Special attention to Treasury.
2. Residency office and other offices, in the group.	Commissioner of Police.	Fire, Preservation of records.	.
3. Telephone Exchange, Telegraph office and G. P. O.	Sub-Divisional Officer, Telegraph Engineering.	Fire, First Aid Repair, Protection.	
4. Imperial Bank of India.	Agent ...	Fire, Preservation of currency notes, documents, valuables etc.	
5. Bowring and Lady Curzon Hospital.	Residency Surgeon.	Fire, Protection.	
6. Schools included in list appended to report of special Committee on fire precautions.	Head of School in consultation with Inspector of Schools.	Fire, First Aid.	
7. Convents, Orphanages etc.	Head of Institution.	Fire, First Aid.	
8. Cinemas and Places of Public Resort.	Manager in consultation with Commissioner of Police.	Fire, First Aid.	
9. Hotels, Boarding Houses, and Clubs.	Proprietor if resident; Manager or Secretary.	Fire, First Aid.	
10. Any other buildings or institutions for which schemes are considered necessary by Controller on report of Divisional Warden.			

APPENDIX VIII.

LIST OF IMPORTANT TELEPHONE NUMBERS.

Name and designation of Officer.	Address.	Phone No.	
		House	Office.
The Hon'ble the Resident	...	2461	...
Residency (general)	...	90	...
Secretary to the Hon'ble the Resident	Residency Park	89	91
Area Commander	B. U. S. Club	22	240 Ex. 9
Brigade Major		126	240 Ex. 5
P. A. D. Control Room	...	...	240 Ex. 16
Air Defence Centre	...	...	2551
A. R. P. Controller, Bangalore City	...	2628	2591
Bangalore City Control Room		...	2777
Controller (Collector), C. & M. Station	B. U. S. Club	253	46
Commissioner of Police	3, Ali Asker Road	44	153
Residency Surgeon	Fairfax Road	93, 93A	95
Chief Warden (Capt. Rao Sahib Thangavelu Mudaliar)	1 Spencer Road	296	46
Civil Liaison Officer Lt. Col. Burton	Nandidroog Road	...	...
A. R. P. Officer (Mr. A. M. Ramamurthy)	Benson Town	297	...
Executive Engineer (Mr. J. W. Edwin)	Kingston Road, Richmond Town	...	273
Health Officer (Dr. P. Subramaniam)	34, St. John's Church Road	104	55
Commandant, Messenger Service (Rao Sahib Madhvaraya Mudaliar)	12, Someswaran Koil Street, Ulsoor	66A	55
	3, Osborne Road, Bangalore	...	273.

Officer-in-charge Communications (Mr. T. Srinivasa Gopalan)			
Police Headquarters	...	30 Govt. Street, Ullasur	273.
Fire Brigade	..	H.R. Veerabhadra	
A. R. P. Combined Depot No. I	...	Mudaliar Garden,	56
A. R. P. Combined Depot No. II	...	Cleveland Town,	107
	...	Mayo Hall	108
	...	Commissariat Road	
	...	Municipal Workshop	
	...	R.B.A.N.M. School,	238
	...	Dickenson Road	92
Bowring Hospital	...	...	108
Municipal Workshop	...	Magrath Road	
DIVISIONAL WARDENS HEADQUARTERS.	...		
A. DIVISION—Ulsoor Sub-Health Office	...	...	66
B. DIVISION - Shoolay Health Sub-Office	...	Hosur Road	54
C. DIVISION—R.B.A.N.M.'s High School	...		238
D. DIVISION—Saleh Ahmed Sait's Furniture Show-room	...	Infantry Road	152
E. DIVISION—Fraser Town Municipal Muhammadan	...		
Boys' School	...		187
F. DIVISION—6/7 Cubbon Road	...		169
FOR REPORT CENTRE MESSAGE ROOM—	...		
ask Exchange for A.R.P. REPORT CENTRE	...		
DURING AN ALERT.	...		
C. & M. Station Officers' phone numbers will be	...		
as follows (for personal conversation).	...		
Controller	...		
Officer-in-charge Report Centre	...		
			46
			273

Executive Engineer
Health Officer.

W 40-42-3.

1386/W 4959/42

To:- All holders of copies of the Scheme.

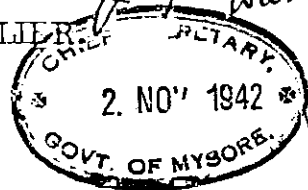
A.R.P. Scheme, C & M Station, Bangalore - correction
slip to.

In para 13C Removal, Identification and disposal of
dead, disposal of animal carcasses etc. (vide page 11
of the printed scheme) delete the second sentence comm-
encing with "Raiders passed" and substitute the following:-

"Streets and areas in which corpses are lying,
will be cordoned off and closed to the public
until corpses have been removed from view".

[Handwritten signature]

A.R.P. Headquarters) for A.R.P. CONTROLLER
C & M Station, B'lore.
Dated 2nd Nov. 1942.)



1386
W

General and Revenue
Secretariat

ARL Schem C-M 86n

File No.

of 194

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